

Function of Darlington-type optocoupler 4N25



Overview

The 4N25 Optocoupler is a cost-effective and versatile solution for signal isolation and protection. Its combination of reliability, ease of use, and wide application range makes it a preferred component in modern electronics. This family includes the N25, 4N26, 4N27, 4N28. Functional operation of the device is not implied at these or any other conditions in excess of those given in the operational sec. 4N25 belongs to one of the most famous families of optocouplers. When current flows through the LED, it emits. Agilent 4N25 Phototransistor Optocoupler General Purpose Type Data Sheet Ordering Information Specify part number followed by Option Number (if desired). 4N25-XXX Option Number 060 = VDE0884 Option W00 = 0. It contains a light emitting diode optically coupled to a photo-transistor.

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In short, 4N25 optocoupler is used in applications where to want to isolate electrical circuits from each other. For further information, check examples that are given in ...



It contains a light emitting diode optically coupled to a photo-transistor. It is packaged in a 6-pin DIP package and available in wide-lead spacing option and lead bend SMD option. Response time, t_r , is ...



The 4N25 family is an Industry Standard Single Channel Phototransistor Coupler. This family includes the 4N25/ 4N26/ 4N27/ 4N28. Each optocoupler ...



In communication systems, the 4n25 optocoupler enables data transmission between different voltage levels. It acts as a level shifter, converting signals from one logic ...



Learn everything about the 4N25 Optocoupler — its pinout, internal working, features, equivalent components, and practical applications. Ideal for ...



DESCRIPTION hannel phototransistor coupler. This family includes the 4N25, 4N26, 4N27, 4N28. Each optocou



4N25-360E to order product of 300 mil DIP-6 DC Gull Wing Surface Mount package in Tube packaging with 20%<CTR, IEC/EN/DIN EN 60767-5-2 Safety Approval and RoHS compliant.



This article explores the architecture, specifications, and applications of the 4N25, highlighting its functions in modern electronic systems.



The 4n25 Optocoupler offers a high current transfer ratio, allowing for efficient signal transmission. The component's carefully designed and optimized structure ...



DESCRIPTION ototransistor coupler. This family includes the N25, 4N26, 4N27, 4N28. Each optocoupler consists of gallium arsenide infrared LED and a silic

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